

=> fil reg
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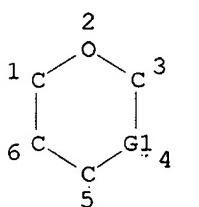
STRUCTURE FILE UPDATES: 01 JUL 99 HIGHEST RN 226917-44-8
DICTIONARY FILE UPDATES: 01 JUL 99 HIGHEST RN 226917-44-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 13, 1999

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=> d stat que 120

L12 STR



CH—G2
@7 8

12
G2
|
C—G2
@10 11

16
Ak
|
Ak—N—Ak
13 @14 15

20
N
|
N~~C~~N
@17 18 19

Ak—N
@21 22

Ak—N—Ak
@23 24 25

29
Ak
|
Ak—N—Ak
@26 27 28

33
Ak
|
Ak—N—Ak
@30 31 32
Ak
34

VAR G1=CH2/7/10
VAR G2=N/14/17/21/23/26/30

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 1
CONNECT IS M1 RC AT 3
CONNECT IS M1 RC AT 5
CONNECT IS M1 RC AT 6
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 1

NUMBER OF NODES IS 33

STEREO ATTRIBUTES: NONE

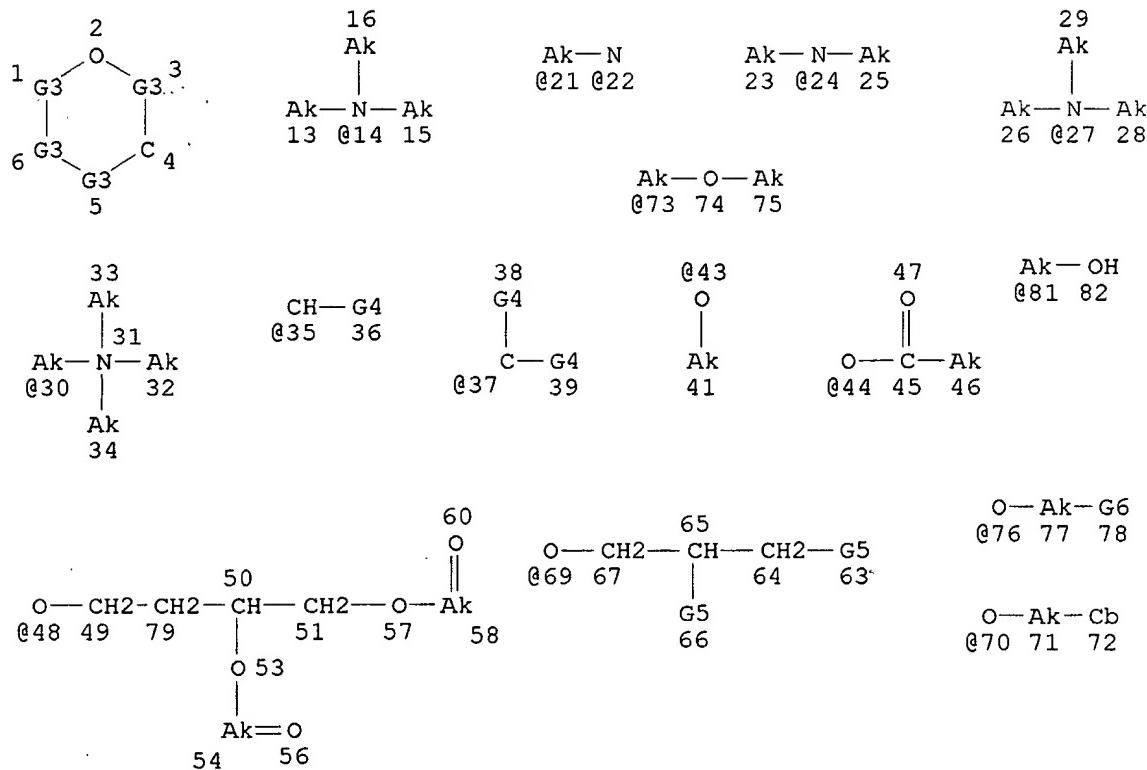
L14 436477 SEA FILE=REGISTRY ABB=ON PLU=ON OC5/ES
L16 SCR 1992
L18 SCR 2016 OR 2026 OR 2021
L20 60455 SEA FILE=REGISTRY SUB=L14 CSS FUL L12 AND L16 NOT L18

100.0% PROCESSED 148837 ITERATIONS
SEARCH TIME: 00.00.17

60455 ANSWERS

=> d 126

L26 HAS NO ANSWERS
L26 STR



VAR G3=CH2/35/37
VAR G4=OH/43/AK/44/48/69/70/N/14/21/24/27/73/70/76/81/30

VAR G5=OH/43

VAR G6=N/22/24/27

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 4
CONNECT IS M1 RC AT 72
DEFAULT MLEVEL IS ATOM
GGCAT IS PCY AT 72
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 1

NUMBER OF NODES IS 63

STEREO ATTRIBUTES: NONE

=> s 126 sub=120 css sam
STRUCTURE TOO LARGE - SEARCH ENDED

=> fil reg
FILE 'REGISTRY' ENTERED AT 08:36:45 ON 01 JUL 1999
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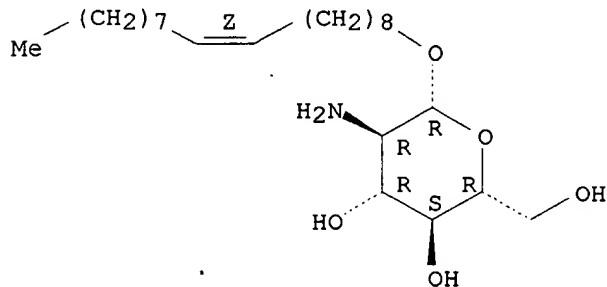
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 13, 1999

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=> d ide can 17

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 1999 ACS
RN 221247-53-6 REGISTRY
CN .beta.-D-Glucopyranoside, (9Z)-9-octadecenyl 2-amino-2-deoxy- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C24 H47 N O5
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

Absolute stereochemistry.
Double bond geometry as shown.



← page 84
claim 8

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:242316

=> d his 17-

(FILE 'REGISTRY' ENTERED AT 08:30:59 ON 01 JUL 1999)
L7 1 S L6 AND C24H47NO5
E C46H85NO9/MF
L8 4 S E3

← page 84
claim 7

FILE 'HCAOLD' ENTERED AT 08:36:28 ON 01 JUL 1999
L9 0 S L7
FILE 'HCAPLUS' ENTERED AT 08:36:31 ON 01 JUL 1999
L10 1 S L7

→ compd NOT
found

FILE 'USPATFULL' ENTERED AT 08:36:33 ON 01 JUL 1999

L11 O S L7

FILE 'REGISTRY' ENTERED AT 08:36:45 ON 01 JUL 1999

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 08:36:54 ON 01 JUL 1999

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FILE COVERS 1967 - 1 Jul 1999 VOL 131 ISS 1
 FILE LAST UPDATED: 1 Jul 1999 (19990701/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d all 110

L10 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 1999 ACS
 AN 1999:194158 HCAPLUS
 DN 130:242316
 TI Hydrophobic glycosylamine derivatives, compositions, and methods for their use
 IN Mumper, Russell J.; Tagliaferri, Frank
 PA Genemedicine, Inc., USA
 SO PCT Int. Appl., 88 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM C07H015-00
 CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 33

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9912945	A2	19990318	WO 98-US18888	19980908
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9893839	A1	19990329	AU 98-93839	19980908
PRAI	US 97-58259		19970908		
	WO 98-US18888		19980908		
OS	MARPAT	130:242316			

AB The invention relates in part to hydrophobic glycosylamine derivs., methods for synthesizing hydrophobic derivs., compns. comprising these derivs., and methods for delivering macromols., such as proteins, peptides, lipids, carbohydrates, peptidomimetics, org. mols., and nucleic acids, to cells by administering these compns. The compds., compns., and methods of the invention are particularly useful for gene therapy and cancer treatment. Compns. contg. 1-mono-oleyl-.beta.-D-glucosamine or 1-monopalmityl-.beta.-D-glucosamine, plasmid DNA comprising an IL-2 gene, and DOPE reduced the growth rate in mice by 30% after 9 days and by 25% after 13 days, resp.

ST glycosylamine macromol delivery gene therapy antitumor

IT Nucleotides, biological studies
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(analog; compns. and synthesis of hydrophobic glycosylamine derivs.
for delivery of macromol. compds. to cells)

IT Macromolecular compounds
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(anionic; compns. and synthesis of hydrophobic glycosylamine derivs.
for delivery of macromol. compds. to cells)

IT Antitumor agents
Drug delivery systems
Gene therapy
Infusions (drug delivery systems)
Inhalants (drug delivery systems)
Injections (drug delivery systems)
Intravenous injections
Liposomes (drug delivery systems)
Oral drug delivery systems
Plasmids
Reducing agents
(compns. and synthesis of hydrophobic glycosylamine derivs. for
delivery of macromol. compds. to cells)

IT DNA
Nucleic acids
Polynucleotides
RNA
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(compns. and synthesis of hydrophobic glycosylamine derivs. for
delivery of macromol. compds. to cells)

IT Cryoprotectants
(formulations contg.; compns. and synthesis of hydrophobic
glycosylamine derivs. for delivery of macromol. compds. to cells)

IT Interleukin 2
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(gene encoding; compns. and synthesis of hydrophobic glycosylamine
derivs. for delivery of macromol. compds. to cells)

IT 7440-05-3, Palladium, uses
RL: CAT (Catalyst use); USES (Uses)
(catalyst; compns. and synthesis of hydrophobic glycosylamine derivs.
for delivery of macromol. compds. to cells)

IT 221247-53-6P 221247-55-8P
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(compns. and synthesis of hydrophobic glycosylamine derivs. for
delivery of macromol. compds. to cells)

IT 143-28-2, Oleyl alcohol 36653-82-4, Hexadecanol 63000-69-1
138395-62-7
RL: RCT (Reactant)
(compns. and synthesis of hydrophobic glycosylamine derivs. for

delivery of macromol. compds. to cells)

IT 221247-52-5P 221247-54-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (compns. and synthesis of hydrophobic glycosylamine derivs. for
 delivery of macromol. compds. to cells)

IT 9003-39-8, PVP
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (formulations contg., as cryoprotectant; compns. and synthesis of
 hydrophobic glycosylamine derivs. for delivery of macromol. compds. to
 cells)

IT 57-88-5, Cholesterol, biological studies 2462-63-7, DOPE
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (formulations contg.; compns. and synthesis of hydrophobic
 glycosylamine derivs. for delivery of macromol. compds. to cells)

IT 302-01-2, Hydrazine, reactions 1333-74-0, Hydrogen, reactions
 16940-66-2, Sodium borohydrate
 RL: RCT (Reactant)
 (reducing agent; compns. and synthesis of hydrophobic glycosylamine
 derivs. for delivery of macromol. compds. to cells)

=> fil reg

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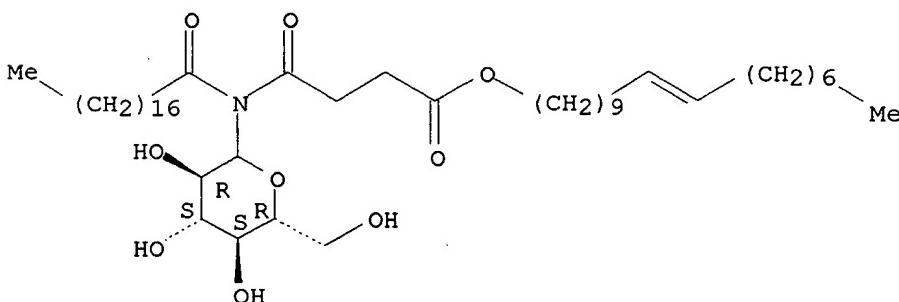
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 13, 1999

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=> d sca 18

L8 4 ANSWERS REGISTRY COPYRIGHT 1999 ACS
 IN Butanoic acid, 4-[D-glucopyranosyl(1-oxooctadecyl)amino]-4-oxo-,
 10-octadecenyl ester (9CI)
 MF C46 H85 N O9

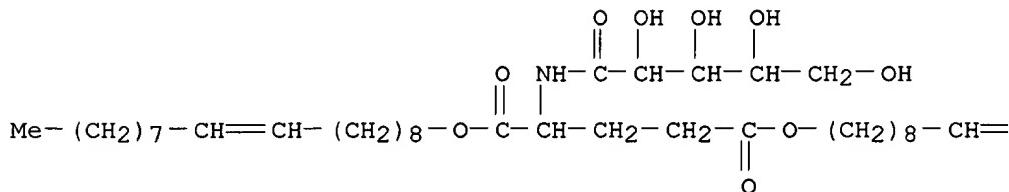
Absolute stereochemistry.
 Double bond geometry unknown.



"free" view
 of L8 for
 mol. form.
 page 84, claim 7

L8 4 ANSWERS REGISTRY COPYRIGHT 1999 ACS
IN L-Glutamic acid, N-D-ribonyl-, di-(9Z)-9-octadecenyl ester (9CI)
MF C46 H85 N O9
CI COM

PAGE 1-A

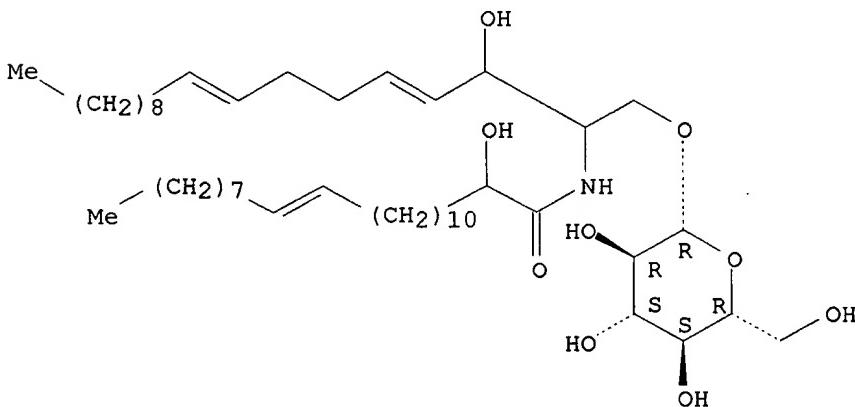


PAGE 1-B

$$= \text{CH} - (\text{CH}_2)_7 - \text{Me}$$

L8 4 ANSWERS REGISTRY COPYRIGHT 1999 ACS
IN 13-Docosenamide, N-[1-[(.beta.-D-glucopyranosyloxy)methyl]-2-hydroxy-3,7-heptadecadienyl]-2-hydroxy- (9CI)
MF C46 H85 N O9

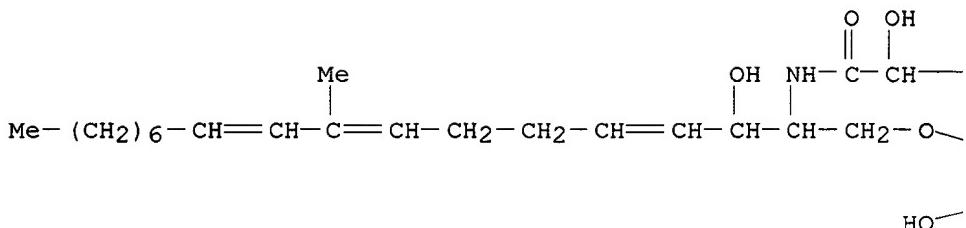
Absolute stereochemistry.
Double bond geometry unknown.



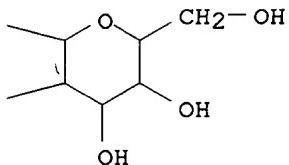
L8 4 ANSWERS REGISTRY COPYRIGHT 1999 ACS
IN Heneicosanamide, N-[(1S,2R,3E,7E,9E)-1-[(.beta.-D-
glucopyranosyloxy)methyl]-2-hydroxy-8-methyl-3,7,9-heptadecatrienyl]-2-

MF hydroxy-, (2R)- (9CI)
C46 H85 N O9

PAGE 1-A



PAGE 1-B



ALL ANSWERS HAVE BEEN SCANNED

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=> d ide can tot 128

L28 ANSWER 1 OF 5 REGISTRY COPYRIGHT 1999 ACS

RN 221247-55-8 REGISTRY

CN .beta.-D-Glucopyranoside, hexadecyl 2-amino-2-deoxy- (9CI) (CA INDEX)

NAME)

ES STEREOSEARCH

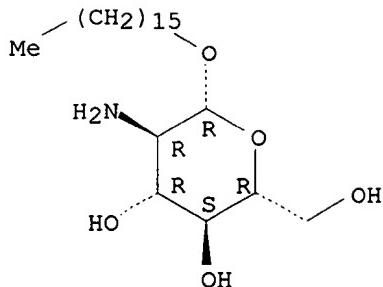
MF C22 H45 N Q5

SR CA

LC STN Files: CA, CAPLUS, TOXSLIT

FyI
from ref fees 2 110,

Absolute stereochemistry.

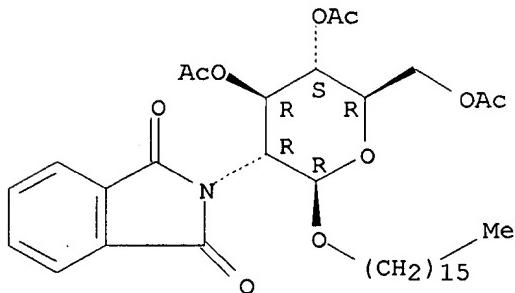


1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:242316

L28 ANSWER 2 OF 5 REGISTRY COPYRIGHT 1999 ACS
 RN 221247-54-7 REGISTRY
 CN .beta.-D-Glucopyranoside, hexadecyl 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-, 3,4,6-triacetate (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C36 H53 N O10
 SR CA
 LC STN Files: CA, CAPLUS, TOXLIT

Absolute stereochemistry.



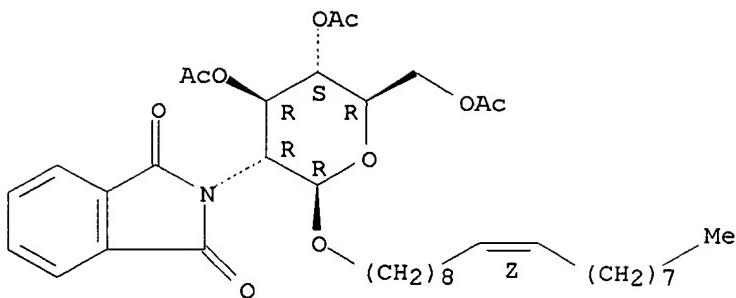
1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:242316

L28 ANSWER 3 OF 5 REGISTRY COPYRIGHT 1999 ACS
 RN 221247-52-5 REGISTRY
 CN .beta.-D-Glucopyranoside, (9Z)-9-octadecenyl 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-, 3,4,6-triacetate (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C38 H55 N O10
 SR CA
 LC STN Files: CA, CAPLUS, TOXLIT

Absolute stereochemistry.

Double bond geometry as shown.

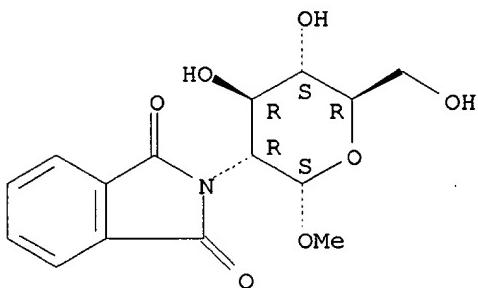


1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:242316

L28 ANSWER 4 OF 5 REGISTRY COPYRIGHT 1999 ACS
 RN 138395-62-7 REGISTRY
 CN .alpha.-D-Glucopyranoside, methyl 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C15 H17 N O7
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXLIT
 (*File contains numerically searchable property data)

Absolute stereochemistry.



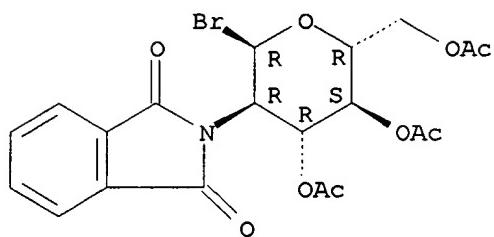
2 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:242316

REFERENCE 2: 116:59828

L28 ANSWER 5 OF 5 REGISTRY COPYRIGHT 1999 ACS
 RN 63000-69-1 REGISTRY
 CN .alpha.-D-Glucopyranosyl bromide, 2-deoxy-2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-, 3,4,6-triacetate (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H20 Br N O9
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, TOXLIT,
 USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



23 REFERENCES IN FILE CA (1967 TO DATE)
23 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 130:242316

REFERENCE 2: 129:343650

REFERENCE 3: 126:47484

REFERENCE 4: 126:8452

REFERENCE 5: 125:301540

REFERENCE 6: 125:196166

REFERENCE 7: 125:87030

REFERENCE 8: 123:33556

REFERENCE 9: 122:106316

REFERENCE 10: 121:80970

FILE 'HCAOLD' ENTERED AT 16:38:41 ON 01 JUL 1999
L20 137 S L19

FILE 'HCAPLUS' ENTERED AT 16:39:26 ON 01 JUL 1999
L21 1061 S L19
L22 178 S L21 AND P/DT
L23 158 S L22 AND PY<1998
L24 77 S L22 AND US/PC
L25 73 S L23 AND L24
L26 77 S L24 AND (AY<1998 OR AY.B<1998 OR PRY<1998 OR PRY.B<1998)
L27 77 S L25, L26

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

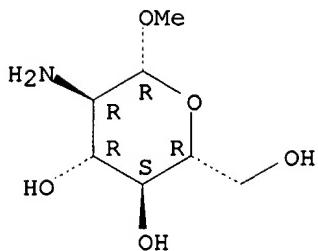
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=> d 120 1-10 all hitstr

L20 ANSWER 1 OF 137 COPYRIGHT 1999 ACS
AN CA65:20203f CAOLD
TI synthesis and antimetabolic properties of 4-N-hydroxycytosine derivs.
AU Nelson, Donald J.
TI antibiotics and related substances - (XXIV) amino sugars (11)
configurational studies of amino sugar glycosides and aminocyclitols by a
Cu complex method
AU Umezawa, Sumio; Tsuchiya, T.; Tatsuta, K.
IT 59-01-8 3055-46-7 3867-93-4 13374-24-8
13374-25-9 13374-26-0 13374-27-1 13374-28-2
13374-32-8 13374-33-9 13374-34-0 13374-35-1 14187-81-6 14684-99-2
89584-01-0
IT 3867-93-4 13374-24-8 13374-25-9
13374-26-0
RN 3867-93-4 HCAOLD
CN .beta.-D-Glucopyranoside, methyl 2-amino-2-deoxy-, hydrochloride (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

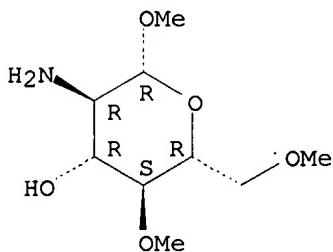


● HCl

RN 13374-24-8 HCAOLD

CN Glucopyranoside, methyl 2-amino-2-deoxy-4,6-di-O-methyl-, hydrochloride,
.beta.-D- (8CI) (CA INDEX NAME)

Absolute stereochemistry.

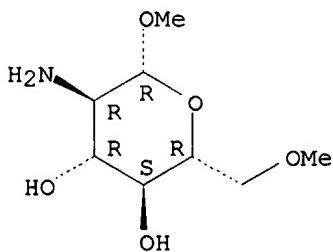


● HCl

RN 13374-25-9 HCAOLD

CN Glucopyranoside, methyl 2-amino-2-deoxy-6-O-methyl-, hydrochloride,
.beta.-D- (8CI) (CA INDEX NAME)

Absolute stereochemistry.



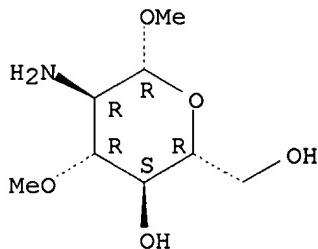
● HCl

RN 13374-26-0 HCAOLD

CN Glucopyranoside, methyl 2-amino-2-deoxy-3-O-methyl-, hydrochloride,

.beta.-D- (8CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

L20 ANSWER 2 OF 137 COPYRIGHT 1999 ACS

AN CA65:15481b CAOLD

TI radiation chemistry of carbohydrates - (VII) radiolysis of aq. solns. of some 2-amino-2-deoxy-D-glucopyranose derivs.

AU Kochetkov, N. K.; Kudryashov, L. I.; Senchenkova, T. M.; Nedoborova, L. I.

IT 72-87-7 90-77-7 3055-46-7 3946-01-8 6082-04-8

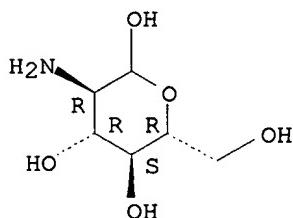
13535-38-1 13535-39-2 13535-40-5 13535-41-6

IT 90-77-7

RN 90-77-7 HCAOLD

CN D-Glucopyranose, 2-amino-2-deoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L20 ANSWER 3 OF 137 COPYRIGHT 1999 ACS

AN CA65:15476f CAOLD

TI synthesis and chemistry of 4-amino-4,6-dideoxy sugars - (III) glucose

AU Stevens, Calvin L.; Blumbergs, P.; Daniher, F. A.; Otterbach, D. H.; Taylor, K. G.

IT 6988-42-7 13042-62-1 13042-64-3 13042-65-4 13225-23-5

13225-30-4 13225-31-5 13225-32-6 13231-14-6

13231-15-7 13231-16-8 13231-17-9 13231-20-4 13231-21-5 13231-22-6

13231-23-7 13231-24-8 13231-27-1 13231-28-2 13231-29-3 13231-30-6

13231-31-7 13231-33-9 13231-34-0 13231-35-1 13231-36-2 13231-37-3

13231-38-4 13231-39-5 13231-40-8 13231-42-0 13231-43-1 13405-51-1

13405-52-2 13518-22-4 14532-80-0 14532-81-1

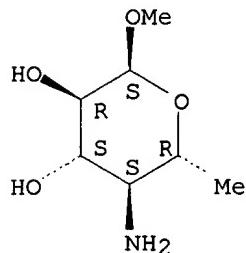
IT 13042-64-3 13225-31-5 13225-32-6

RN 13042-64-3 HCAOLD

CN .alpha.-D-Glucopyranoside, methyl 4-amino-4,6-dideoxy- (9CI) (CA INDEX

NAME)

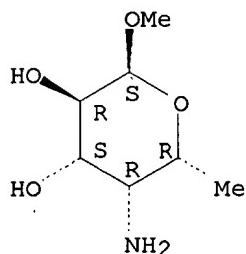
Absolute stereochemistry.



RN 13225-31-5 HCAOLD

CN Galactopyranoside, methyl 4-amino-4,6-dideoxy-, .alpha.-D- (8CI) (CA INDEX NAME)

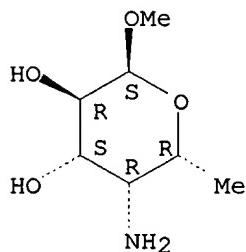
Absolute stereochemistry.



RN 13225-32-6 HCAOLD

CN Galactopyranoside, methyl 4-amino-4,6-dideoxy-, hydrochloride, .alpha.-D- (8CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

L20 ANSWER 4 OF 137 COPYRIGHT 1999 ACS

AN CA65:12139c CAOLD

TI sulfonamides

PA Farbenfabriken Bayer A.-G.

DT Patent

TI sulfonamides

AU Horstmann, Harald; Wollweber, H.; Meng, K.

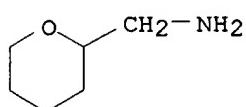
DT Patent

IT 2439-57-8 4795-29-3 4795-30-6 5064-46-0 **6628-83-7**
 7175-80-6 7175-81-7 7175-83-9 7179-84-2 7179-86-4 7179-87-5
 7179-89-7 7179-90-0 7179-91-1 7179-92-2 7179-93-3 7179-94-4
 7179-95-5 7179-96-6 **7179-97-7** **7179-99-9**
 7180-00-9 7180-01-0 7180-02-1 7180-03-2 7180-04-3 7195-25-7
 7202-42-8 7202-43-9 7202-44-0 7202-45-1 7202-46-2 7202-47-3
 7227-71-6 7229-60-9 7237-68-5 7237-69-6 7263-11-8 7274-31-9
 14748-17-5 14796-39-5 71680-60-9

IT **6628-83-7** **7179-97-7** **7179-99-9**

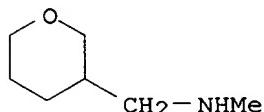
RN 6628-83-7 HCAOLD

CN 2H-Pyran-2-methanamine, tetrahydro- (9CI) (CA INDEX NAME)



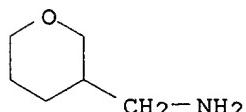
RN 7179-97-7 HCAOLD

CN 2H-Pyran-3-methanamine, tetrahydro-N-methyl- (9CI) (CA INDEX NAME)



RN 7179-99-9 HCAOLD

CN 2H-Pyran-3-methanamine, tetrahydro- (9CI) (CA INDEX NAME)



L20 ANSWER 5 OF 137 COPYRIGHT 1999 ACS

AN CA65:9369e CAOLD

TI mannosamine in the cell wall of Clostridium welchii (Type A)

AU Pickering, Brian T.

IT 2636-92-2

IT 2636-92-2

RN 2636-92-2 HCAOLD

L20 ANSWER 6 OF 137 COPYRIGHT 1999 ACS

AN CA65:7258g CAOLD

TI amino sugars - (X) prepn. of 3-amino-3,6-dideoxy-D-gulose, -D-allose, and -L-allose derivs.

AU Capek, K.; Jary, J.

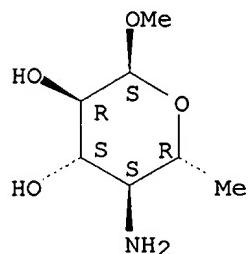
IT 4613-56-3 4782-93-8 7646-69-7 13042-61-0 13042-62-1 13042-63-2

13042-64-3 13042-65-4 13042-66-5 13042-67-6 13042-68-7

13042-69-8 13042-70-1 13042-71-2 13042-72-3 13042-73-4

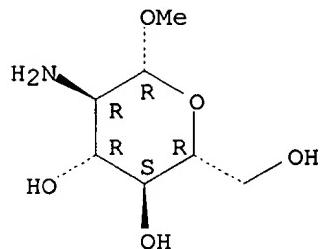
IT 13042-64-3
 RN 13042-64-3 HCAOLD
 CN .alpha.-D-Glucopyranoside, methyl 4-amino-4,6-dideoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



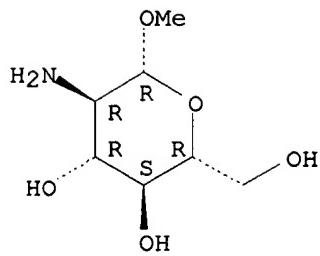
L20 ANSWER 7 OF 137 COPYRIGHT 1999 ACS
 AN CA65:3944f CAOLD
 TI aminohexoses - (IX) N-deacetylation of methyl 2-acetamido-2-deoxy-.beta.-D-glucopyranoside, methyl 2-acetamido-2-deoxy-3-O-methyl-.alpha. (and .beta.)-D-glucopyranoside, and methyl 2-acetamido-2-deoxy-4,6-O-ethylidene-.alpha.-D-glucopyranoside
 AU Fujinaga, Mamoru; Matsushima, Y.
 IT 3055-46-7 3867-92-3 3867-93-4 6619-04-1
 10300-75-1 10300-79-5 10300-80-8 10368-82-8 10427-77-7 10427-79-9
 22594-60-1
 IT 3867-92-3 3867-93-4
 RN 3867-92-3 HCAOLD
 CN .beta.-D-Glucopyranoside, methyl 2-amino-2-deoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 3867-93-4 HCAOLD
 CN .beta.-D-Glucopyranoside, methyl 2-amino-2-deoxy-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

L20 ANSWER 8 OF 137 COPYRIGHT 1999 ACS

AN CA64:19745g CAOLD

TI studies on kasugamycin - (V) structure of kasugamycin

AU Suhara, Yasuji; Maeda, K.; Umezawa, H.; Ohno, M.

IT 6980-16-1 6980-17-2 6980-18-3 6980-19-4

6991-09-9 21256-68-8 94892-82-7

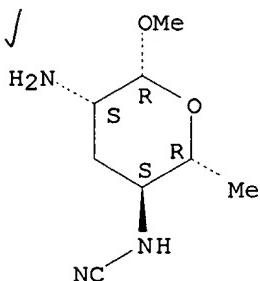
IT 6980-19-4 6991-09-9 21256-68-8

94892-82-7

RN 6980-19-4 HCAOLD

CN D-arabino-Hexopyranoside, methyl 2-amino-4-(cyanoamino)-2,3,4,6-tetradeoxy-, .beta.- (8CI) (CA INDEX NAME)

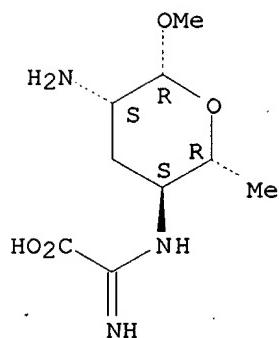
Absolute stereochemistry.



RN 6991-09-9 HCAOLD

CN D-arabino-Hexopyranoside, methyl 2-amino-4-[(1-carboxyformimidoyl)amino]-2,3,4,6-tetradeoxy-, monohydrochloride, .beta.- (8CI) (CA INDEX NAME)

Absolute stereochemistry.

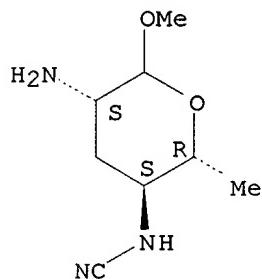


● HCl

RN 21256-68-8 HCAOLD

CN D-arabino-Hexopyranoside, methyl 2-amino-4-(cyanoamino)-2,3,4,6-tetradeoxy-
(7CI, 8CI) (CA INDEX NAME)

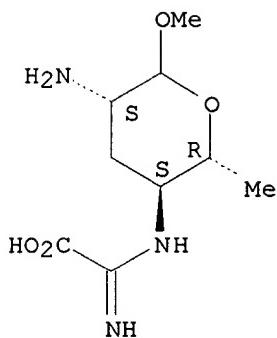
Absolute stereochemistry.



RN 94892-82-7 HCAOLD

CN D-arabino-Hexopyranoside, methyl 2-amino-4-[(1-carboxyformimidoyl)amino]-
2,3,4,6-tetradeoxy-, hydrochloride (7CI) (CA INDEX NAME)

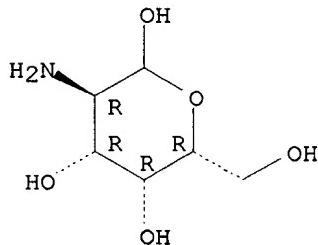
Absolute stereochemistry.



● HCl

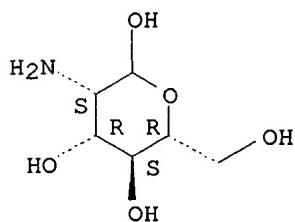
L20 ANSWER 9 OF 137 COPYRIGHT 1999 ACS
 AN CA64:18009a CAOLD
 TI spectrophotometric assay for hexosamines
 AU Galambos, John T.; Shapira, R.
 IT 90-76-6 579-33-9 2636-92-2
 3416-24-8
 IT 90-76-6 579-33-9 2636-92-2
 RN 90-76-6 HCAOLD
 CN D-Galactopyranose, 2-amino-2-deoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 579-33-9 HCAOLD
 CN D-Mannopyranose, 2-amino-2-deoxy- (9CI) (CA INDEX NAME)

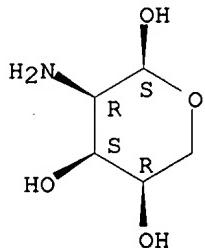
Absolute stereochemistry.



RN 2636-92-2 HCAOLD

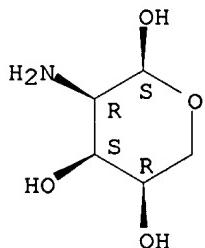
L20 ANSWER 10 OF 137 COPYRIGHT 1999 ACS
 AN CA64:17696f CAOLD
 TI potential cytostats - (VI) configuration and derivs. of the
 1-deoxy-1-methylaminoalditols obtained from aldohexoses and aldopentoses
 AU Dorn, Helmut; Welfle, H.; Liebig, R.
 IT 7057-02-5 7057-03-6 7057-04-7 7084-27-7 7115-35-7
 7115-38-0 7115-39-1 7115-40-4 7115-41-5 7115-42-6
 7115-43-7 7115-45-9 7115-46-0 7115-47-1 7115-48-2 7115-49-3
 7115-50-6 7115-51-7 7115-52-8 7115-53-9 7115-54-0 7115-55-1
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 7185-79-7 7233-42-3 7297-32-7 79253-93-3
 IT 7115-35-7 7115-39-1
 RN 7115-35-7 HCAOLD
 CN Ribopyranose, 2-amino-2-deoxy-, .alpha.-D- (7CI, 8CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 7115-39-1 HCAOLD
 CN Ribopyranose, 2-amino-2-deoxy-, hydrochloride, .alpha.-D- (7CI, 8CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl